



DIGITAL VISCOMETER



Digital viscometers operate on the principle of how a fluid's internal friction affects its flow behavior. They typically measure the time it takes for a given amount of fluid to flow through a specific geometry (usually a capillary tube or rotating spindle) under controlled conditions. The measurement is then used to calculate the fluid's viscosity

Applications

- ❖ Dairy Products
- ❖ Juices, etc.
- ❖ Pharmaceuticals
- ❖ Polymer Solutions Oils Paints
- ❖ Inks latex Adhesives (Solvent Base)
- ❖ Coatings Solvents

MODEL SI-V195

Salient features

Stepping Motor means Accurate, reliable operation

Direct readout of all measurement parameters

Auto Range Showing

Time Function for measurement

Sound alarm at under 20% Torque

Linear calibration

Wide range power supply: 100V-240V



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Advantages of Digital Viscometers:

- High precision and accuracy in viscosity measurement.
- Quick and repeatable measurements.
- Can be used for a wide range of fluid types, from low to high viscosities.
- Some models can measure at different shear rates, providing valuable information about the fluid's behaviour under different conditions.

Specification

- Measuring Range(mPa.s) 20-2,000,000 m.pas
- No of Standard Spindles #1,#2,#3,#4 is standard configuration ,
- #1,#2,#3,#4 is standard configuration ,(#0 is for optional)
- Measurement Accuracy $\pm 1.0\%$ of range
- Repeatability $\pm 0.5\%$
- Display LCD
- Temperature RTD Monitoring Sensor Probe Yes
- Output RS 232 Interface
- Environment Temperature 5-35 C Relative Humidity Not Larger Than 80%
- Dimension LxWxH (mm) 370 x 325 x 280
- Weight 6.8 Kg

Features

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- Linear calibration
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PRODUCTS RANGE

Double Beam UV/VIS Spectrophotometer, Single Beam UV/VIS Spectrophotometer, Flame Photometer, Colorimeter, pH Meter, Conductivity Meter, DO Meter, Salinity Meter, Turbidity Meter, Colony Counter, Auto Karl- Fischer, Friability Apparatus, Melting Point Apparatus, Temperature Indicator, Water & Soil Analysis Kit, Portable pH Meter, Student Microscope, Binocular Microscope, Medical Microscope and Portable Instruments.